



NTSB National Transportation Safety Board

Office of Marine Safety

Vessel Certification

Tom Roth-Roffy

Vessel Certification

- Built March 1996
- 3rd of 4 sister vessels
 - *Fells Point Princess*
 - *Raven*
 - *Lady D*
 - *Misty Harbor II*
- Similar characteristics

Vessel Certification

Construction Details

Vessel	Builder	Date	Cabin Enclosure
<i>Fells Point Princess</i>	Individual	1986	Partial
<i>Raven</i>	SSBW	1993	Partial
<i>Lady D</i>	SSBW	1996	Full
<i>Misty Harbor II</i>	SSBW	1996	Full

Sister Vessels



U.S. Coast Guard Photo



Photo Courtesy of A. Acosta



Photo Courtesy of SSBW

Vessel Certification

- Simplified stability tests
 - Monohull vessel protocol
 - Pontoon vessel protocol
- Test error on first vessel

Monohull vs. Pontoon Vessel



Vessel Certification

- Simplified stability tests
 - Monohull vessel protocol
 - Pontoon vessel protocol
- Test error on first vessel
- Error carried to sister vessels

Vessel Certification

Capacity – Number of Persons

Vessel	Original COI	PSST
<i>Fells Point Princess</i>	25	15
<i>Raven</i>	25	19
<i>Lady D</i>	25	14
<i>Misty Harbor II</i>	25	15



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